

# VF540/65R30 158D/155E NOKIAN TYRES SOIL KING VF SB TL

Next level efficiency for high-power tractors in farming

PRODUCT CODE	T445811
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor
LI / SPEED SYMBOL	158D (155E)
RIM RECOMMENDED	DW20B
RIM PERMITTED	DW18L, DW16L
TYPE APPROVAL	E4 106R-006064



## LOAD CAPACITY FOR TRACTOR, LB

Pressure (psi)	Speed (mph)														
	0	2.5	5	10	12	15	17.5	22.5	25	30	35	37.5	40	42.5	
9	11055	5965	5290	5050	4995	4950	4905	4850	4805	4805	4805	4805	4805	4805	4375
12	12675	6835	6065	5785	5730	5675	5620	5565	5510	5510	5510	5510	5510	5510	5015
15	14705	7925	7035	6715	6645	6580	6525	6460	6395	6395	6395	6395	6395	6395	5820
17	16480	8885	7880	7530	7450	7385	7310	7240	7165	7165	7165	7165	7165	7165	6525
20	18000	9700	8610	8225	8135	8060	7980	7905	7825	7825	7825	7825	7825	7825	7120
23	19655	10595	9405	8975	8885	8795	8720	8630	8545	8545	8545	8545	8545	8545	7770
26	20920	11275	10010	9545	9460	9370	9280	9180	9095	9095	9095	9095	9095	9095	8280
29	21550	11620	10305	9845	9745	9655	9555	9470	9370	9370	9370	9370	9370	9370	8530

Increase the inflation pressure by 40 kPa (0,4 bar , 7 psi) for : Extensive road driving and use on slopes with inclination more than 20%. Do not exceed maximum pressure. In dual formation the load capacity is 0,88 x single tire load capacity per tire. For high torque field application use 30km/h line. 60kPa (0,6 bar , 9 psi) low torque application only.

## TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	58.6 in	58.7 in
TIRE WIDTH	22 in	22.7 in
PATTERN DEPTH	69/32 in	
MAX. INFLATION PRESSURE	41 psi	

STATIC LOADED RADIUS	26.2 in @ 9350 lb / 29 psi
DYNAMIC ROLLING CIRCUMFERENCE	175 in @ 9350 lb / 29 psi
DYNAMIC ROLLING RADIUS	27.8 in @ 9350 lb / 29 psi
SPEED RADIUS INDEX	700
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
STUDDABLE	Yes Marked stud positions on tread Number of studs 120 pcs Recommended stud 12-20,12-23-12-24,16-19
VOLUME	120 gallons 100% 90 gallons 75%

**WATER AND SALT BALLASTING**

(CaCl<sub>2</sub>, 75%, -30°C) Always use a tube when filled with water/salt.

Tire volume 100%		Water filling 75%		Water/salt filling (75% / -30°C)				Total weight increase	
				Water		Salt			
Litres	Gallons	Litres	Gallons	Litres	Gallons	kg	lbs	kg	lbs
453	120	340	90	279	74	142	313	421	928

NOKIAN TYRES PLC is a full member of ETRTO and affiliated member of TRA. In design and production, we certify that products made in Nokian factory (YL) are according the ETRTO and TRA standards.

The tire has been manufactured and tested in accordance with the requirements of ISO 9001 and ISO 14001. Nokian Tyres Plc has the following certificates:

- Quality Management System Standard, ISO 9001, Certificate No: 76363-2010-AQ-FIN-FINAS
- Environmental Management System Standard, ISO 14001, Certificate No: 76361-2010-AE-FIN-FINAS

More information: [www.nokiantyres.com/heavy/technical-tire-manual/](http://www.nokiantyres.com/heavy/technical-tire-manual/)